

# Claims

- [c1] What is claimed is:
1. A holder for use in semiconductor or liquid-crystal manufacturing devices, comprising:  
a ceramic susceptor; and  
a composite of a ceramic and a metal furnished atop said ceramic susceptor.
- [c2] 2. A holder as set forth in claim 1, wherein the Young's modulus of the ceramic-and-metal composite is 300 GPa or less.
- [c3] 3. A holder as set forth in claim 1, wherein the thermal conductivity of the ceramic-and-metal composite is 100 W/mK or more.
- [c4] 4. A holder as set forth in claim 1, wherein the thermal expansion coefficient of the ceramic-and-metal composite is  $2.5 \times 10^{-6}$  to  $8.0 \times 10^{-6} /^{\circ}\text{C}$ .
- [c5] 5. A holder as set forth in claim 1, further comprising a support part supporting the ceramic-and-metal composite.
- [c6] 6. A holder as set forth in claim 1, further comprising a support part supporting the ceramic susceptor.
- [c7] 7. A holder as set forth in claim 1, further comprising a support part supporting both the ceramic-and-metal composite and the ceramic susceptor.

- [c8]        8. A holder as set forth in claim 1, wherein a coating is formed on at least a processed-object-retaining side of the holder.
- [c9]        9. A holder as set forth in claim 1, wherein the ceramic-and-metal composite functions as an electrode.
- [c10]       10. A semiconductor or liquid-crystal manufacturing device in which the holder of claim 1 is installed.